



2	NAS6206-12		BOLT
4	NAS1149F0663P		WASHER
4	AN6		3/8" BOLT
2	MS16625-4075	07	RETAINER RING
2	60624-01	06	BARREL NUT
2	60622-01	05	BARREL NUT
2	49320-01	04	BARREL NUT
2	60620-01	03	AFT BLOCK
2	60621-01	02	FORWARD FITTING
<hr/>		60602-01	01
INSTALLATION			
01	PART NO.	ITEM	DESCRIPTION
QTY.	LIST OF MATERIALS		



AERO DESIGN LTD.

9888A MALASPINA ROAD
L RIVER, BC, CANADA, V8A 0G3
04.483.2376 www.aerodesign.ca

BELL 407
EXTERNAL ATTACHMENT PROVISIONS
INSTALLATION

NOT TO SCALE	DWG. SIZE	DWG. NO.	REV.	
SHEET 1 OF 2	A4	60602	1	

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	ORIGINAL ISSUE		
1	DRAWING REFORMATTED; TITLE BLOCK UPDATED; HARDWARE UPDATED	BJC	23/10/2016
	WEIGHT AND BALANCE UPDATED		

NOTES:

1. ATTACHMENT OF ANY EQUIPMENT TO EXTERNAL ATTACHMENT PROVISIONS

REQUIRES TRANSPORT CANADA APPROVAL.

- RAISE HELICOPTER USING HOIST OR JACK RATED FOR OVER 5000 POUNDS WHEN CHANGING FITTINGS.
- REMOVE BELL LANDING GEAR FITTINGS AND RETAIN ALL HARDWARE AND PARTS REMOVED.
- INSTALL EXTERNAL ATTACHMENT PROVISIONS USING EXISTING HARDWARE. REFER TO I.P.C. AND M.M. FOR HARDWARE TO BE INSTALLED ON EACH SPECIFIC MODEL AND SERIAL NUMBER OF HELICOPTER.
- FORWARD FITTING SHALL BE ORIENTED WITH AN6 BOLT ON AFT SIDE. AFT FITTING'S BOLT FACES FORWARD.
- SECURE BARREL NUTS IN FORWARD FITTINGS WITH RETAINER RINGS TO PREVENT LOSS WHEN PROVISION IS NOT IN USE.
- TORQUE AN6 BOLT 90-110 IN-LBS (10.2-12.4 N-m) WHEN IN USE BY EQUIPMENT INSTALLATION.
- WEIGH FITTINGS REMOVED AND AMEND WEIGHT AND BALANCE DOCUMENTS ACCORDINGLY.

WEIGHT AND BALANCE – STANDARD

ITEM	DESCRIPTION	WEIGHT (LB)	LONGITUDINAL		LATERAL		ITEM	DESCRIPTION	WEIGHT (kg)	LONGITUDINAL		LATERAL	
			ARM (IN)	MOMENT (IN-LBS)	ARM (IN)	MOMENT (IN-LBS)				ARM (mm)	MOMENT (mm-kg)	ARM (mm)	MOMENT (mm-kg)
02	FORWARD FITTINGS (TWO)	3.5	73.0	255.5	0	0	02	FORWARD FITTINGS (TWO)	1.6	1854	2944	0	0
03	AFT BLOCKS (TWO)	1.0	152.7	152.7	0	0	03	AFT BLOCKS (TWO)	0.5	3879	1788	0	0
	FORWARD FITTINGS (REMOVED)	-1.4	73.0	-102.2	0	0		FORWARD FITTINGS (REMOVED)	-0.6	1854	-1178	0	0
TOTAL		3.1	98.7	306.0	0	0	TOTAL		1.4	2507	3526	0	0

APPROVALS

DATE

DRAWN: JEFF CLARKE 25 MAR 2004

CHECKED: E. BURGOIN 25 MAR 2004

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.
TOLERANCES ON:

DECIMALS ANGLES
X.XXX ± 0.010 $\pm 1/2^\circ$
X.XX ± 0.03
X.X ± 0.1



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